

Amendments to the Claims:

Please amend the claims as follows:

Claims 1-8 (Cancelled).

Claim 9 (New): Screen for converting X-rays into light photons, comprising:

a panel and an active layer for the conversion of X-rays into light photons located on one face of the panel, wherein the panel comprises a rigid foam plate that is transparent to X-rays, a first layer of composite material located on a first face of the rigid foam plate and a second layer of composite material located on a second face of the rigid foam plate, parallel to said first face.

Claim 10 (New): Screen according to claim 9, further comprising a framework located on the circumference of the rigid foam plate.

Claim 11 (New): Screen according to claim 10, wherein said framework comprises a matrix of glass or carbon fibres set in resin.

Claim 12 (New): Screen according to claim 9, wherein the rigid foam is a high density foam and the composite material comprises a matrix of glass or carbon fibres set in resin.

Claim 13 (New): Screen according to claim 9, further comprising:
a frame located around the face of the panel on which the active layer is located, so that the active layer is located within the interior of the frame.

Claim 14 (New): Screen according to claim 13, further comprising a layer of tungsten located between the panel and the active layer.

Claim 15 (New): Radiological device comprising a screen for converting X-rays into light photons, including a conversion screen according to any of claims 9-14.